

Form Status: Certified and Sent to USEPA

Validation Status: Passed with Possible Errors

1 2 3 4 5 Additional Info

(IMPORTANT: Type or print; read instructions before completing form)

Form Approved OMB Number: 2070-0093

Approval Expires: 01/31/2010

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| | | |
|---|---|--|
| EPA United States Environmental Protection Agency | FORM R Section 313 of the Emergency Planning and Community Right-to-know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act. | TRI Facility ID Number |
| | | 98134LSKNC32006 |
| | | Toxic Chemical, Category or Generic Name |
| | | Chromium Compounds (except for chromite ore mined in the Transvaal Reg |
| WHERE TO SEND COMPLETED FORMS: | 1. TRI Data Processing Center P.O. Box 10163 Fairfax, VA 22038 *** File Copy Only: Do Not Submit Paper Form to EPA *** | 2. APPROPRIATE STATE OFFICE (See instructions in Appendix F) |

| | | |
|--|---|---|
| This section only applies if you are revising or withdrawing a previously submitted form, otherwise leave blank: | Revision (enter up to two code(s)) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div> | Withdrawal (enter up to two code(s)) <div style="border: 1px solid black; width: 100px; height: 20px; margin-top: 5px;"></div> |
|--|---|---|

Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked.

Part I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR : 2007

SECTION 2. TRADE SECRET INFORMATION

| | |
|--|--|
| 2.1 Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; Go to Section 3) | 2.2 Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "YES" in 2.1) |
|--|--|

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

| | | |
|--|---|--------------|
| Name and official title of owner/operator or senior management official: | Signature: | Date Signed: |
| File Copy Only: Do Not Submit Paper Form to EPA | File Copy Only: Do Not Submit Paper Form to EPA | XX/XX/XXXX |

SECTION 4. FACILITY IDENTIFICATION

| | | | |
|-----|--|--|------------------|
| 4.1 | Facility or Establishment Name ALASKAN COPPER WORKS Street 3200 6TH AVE S City/County/State/Zip Code SEATTLE / King / WA / 98134 | TRI Facility ID Number 98134LSKNC32006 Facility or Establishment Name or Mailing Address (if different from street address) ALASKAN COPPER WORKS Mailing Address PO BOX 3546 City/State/Zip Code SEATTLE / WA / 98124 | Country (Non-US) |
|-----|--|--|------------------|

| | | | | | |
|-----|--|---|--|--|----------------------------------|
| 4.2 | This report contains information for : (Important: check a or b; check c or d if applicable) | a. <input checked="" type="checkbox"/> An Entire facility | b. <input type="checkbox"/> Part of a facility | c. <input type="checkbox"/> A Federal facility | d. <input type="checkbox"/> GOCO |
|-----|--|---|--|--|----------------------------------|

| | | | | | |
|-----|---|---------------------|---------|---------------|--------------------------------------|
| 4.3 | Technical Contact name | JAMES BROWN | (b) (6) | Email Address | Telephone Number (include area code) |
| 4.4 | Public Contact name | JAMES BROWN | (b) (6) | Email Address | Telephone Number (include area code) |
| 4.5 | NAICS Code(s) (6 digits) | a. 332996 (Primary) | b. | c. | d. |
| 4.6 | Dun and Bradstreet Number(s) (9 digits) a. 009255571 b. | | | | |

SECTION 5. PARENT COMPANY INFORMATION

| | | | |
|-----|--|-----------------------------|----------------------|
| 5.1 | Name of Parent Company | NA <input type="checkbox"/> | ALASKAN COPPER WORKS |
| 5.2 | Parent Company's Dun & Bradstreet Number | NA <input type="checkbox"/> | 009255571 |

EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg)

SECTION 1. TOXIC CHEMICAL IDENTITY

(Important DO NOT complete this section if you completed Section 2 below.)

1.1

CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)

N090

1.2

Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)

Chromium Compounds (except for chromite ore mined in the Transvaal Reg)

1.3

Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes". Generic Name must be structurally descriptive).

NA

1.4

Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category.
 (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)

NA []

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| | | | | | | | | | | | | | | | | |

SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)

2.1

Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, spaces, and punctuation.)

NA

SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY

(Important: Check all that apply.)

3.1

Manufacture the toxic chemical:

3.2

Process the toxic chemical:

3.3

Otherwise use the toxic chemical:

a. ☐ Produce b. ☐ Import

If produce or import:
 c. ☐ For on-site use/processing
 d. ☐ For sale/distribution
 e. ☐ As a byproduct
 f. ☐ As an impurity

a. ☐ As a reactant
 b. ☐ As a formulation component
 c. ☒ As an article component
 d. ☐ Repackaging
 e. ☐ As an impurity

a. ☐ As a chemical processing aid
 b. ☐ As a manufacturing aid
 c. ☐ Ancillary or other use

SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR

4.1

[04] (Enter two-digit code from instruction package.)

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE

| | | | A. Total Release (pounds/year*) (Enter range code or estimate**) | B. Basis of Estimate (enter code) | C. % From Stormwater |
|-------|--|--------|---|--------------------------------------|----------------------|
| 5.1 | Fugitive or non-point air emissions | NA [] | B | O | |
| 5.2 | Stack or point air emissions | NA [] | A | O | |
| 5.3 | Discharges to receiving streams or water bodies (enter one name per box) | | | | |
| | Stream or Water Body Name | | | | |
| 5.3.1 | NA | | | | |

EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

**Chromium Compounds (except for chromite ore
 mined in the Transvaal Reg)**

SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued)

| | NA | A. Total Release (pounds/year*) (enter range code** or estimate) | B. Basis of Estimate (enter code) |
|--|-------|--|-----------------------------------|
| 5.4.1 Underground Injection onsite to Class I wells | [X] | | |
| 5.4.2 Underground Injection onsite to Class II-V wells | [X] | | |
| 5.5 Disposal to land onsite | | | |
| 5.5.1.A RCRA subtitle C landfills | [X] | | |
| 5.5.1.B Other landfills | [X] | | |
| 5.5.2 Land treatment/application farming | [X] | | |
| 5.5.3.A RCRA Subtitle C surface impoundments | [X] | | |
| 5.5.3.B Other surface impoundments | [X] | | |
| 5.5.4 Other disposal | [X] | | |

SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS

6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)

6.1.A Total Quantity Transferred to POTWs and Basis of Estimate

| | | | | | | | |
|--|---------|----------------------------|----|---|------|-----|-------|
| 6.1.A.1 Total Transfers (pounds/year*) (enter range code** or estimate) | | | | 6.1.A.2 Basis of Estimate (enter code) | | | |
| A | | | | M1 | | | |
| 6.1.1 POTW Name | | WEST POINT TREATMENT PLANT | | | | | |
| POTW Address | | 1400 UTAH AVE | | | | | |
| City | SEATTLE | State | WA | County | King | Zip | 98199 |

*For Dioxin and Dioxin-like Compounds, report in grams/year

**Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore
mined in the Transvaal Reg

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS

6.2.1 Off-Site EPA Identification Number (RCRA ID No.)

WAD991281767

Off-Site Location Name

BURLINGTON ENVIRONMENTAL INC

Off-Site Address

20245 77TH AVENUE SOUTH

City

KENT

State

WA

County

King

Zip

980321362

Country
(Non-US)

Is location under control of reporting facility or parent company?

[] Yes [X] No

A. Total Transfers (pounds/year*)
(enter range code** or estimate)

1. B

B. Basis of Estimate
(enter code)

1. C

C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1. M93

6.2.2 Off-Site EPA Identification Number (RCRA ID No.)

ORD981766124

Off-Site Location Name

SAFETY-KLEEN SYSTEMS (714801)

Off-Site Address

16540 SOUTHEAST 130TH STREET

City

CLACKAMAS

State

OR

County

Clackamas

Zip

970158944

Country
(Non-US)

Is location under control of reporting facility or parent company?

[] Yes [X] No

A. Total Transfers (pounds/year*)
(enter range code** or estimate)

1. A

B. Basis of Estimate
(enter code)

1. O

C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1. M26

6.2.3 Off-Site EPA Identification Number (RCRA ID No.)

AZD980735500

Off-Site Location Name

WORLD RESOURCES CO

Off-Site Address

8113 WEST SHERMAN STREET

City

TOLLESON

State

AZ

County

Maricopa

Zip

853533300

Country
(Non-US)

Is location under control of reporting facility or parent company?

[] Yes [X] No

A. Total Transfers (pounds/year*)
(enter range code** or estimate)

1. 4526

B. Basis of Estimate
(enter code)

1. C

C. Type of Waste Treatment/Disposal/
Recycling/Energy Recovery (enter code)

1. M24

SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY

[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General
Waste Stream
(enter code)b. Waste Treatment Method(s) Sequence
[enter 3-character code(s)]d. Waste Treatment
Efficiency
Estimate

EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore
mined in the Transvaal Reg**SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES**

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES

| | | Column A Prior Year (pounds/year*) | Column B Current Reporting Year (pounds/year*) | Column C Following Year (pounds/year*) | Column D Second Following Year (pounds/year*) |
|--------|--|--|--|--|---|
| 8.1 | | | | | |
| 8.1a | Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills | NA | NA | NA | NA |
| 8.1b | Total other on-site disposal or other releases | 255 | 255 | 255 | 255 |
| 8.1c | Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills | 0 | 0 | 0 | 0 |
| 8.1d | Total other off-site disposal or other releases | 505 | 5 | 5 | 5 |
| 8.2 | Quantity used for energy recovery onsite | NA | NA | NA | NA |
| 8.3 | Quantity used for energy recovery offsite | NA | NA | NA | NA |
| 8.4 | Quantity recycled onsite | NA | NA | NA | NA |
| 8.5 | Quantity recycled offsite | 4411 | 4781 | 2406 | 255 |
| 8.6 | Quantity treated onsite | NA | NA | NA | NA |
| 8.7 | Quantity treated offsite | NA | NA | NA | NA |
| 8.8 | Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year) | NA | | | |
| 8.9 | Production ratio or activity index | 0.59 | | | |
| 8.10 | Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11. | | | | |
| | Source Reduction Activities [enter code(s)] | Methods to Identify Activity (enter codes) | | | |
| 8.10.1 | W19 | T01 | T03 | T04 | |
| 8.10.2 | W29 | T01 | T03 | T04 | |
| 8.10.3 | W39 | T01 | T03 | T04 | |
| 8.11 | If you wish to submit additional optional information on source reduction, recycling, or pollution control activities, check "Yes." | | | Yes [] | |

1 2 3 4 5 Additional Info

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

Additional optional information on source reduction, recycling, or pollution control activities.